Description	Specifications
Model	HDDA38-V1.3
HDMI Inputs	3
HDMI Outputs	8
Version	1.3
HDCP	Yes
IN/Out Connectors	19 pin HDMI female type-A
RS-232 control port	1
Display Selection	Remote, Manual, Smart Scan
Video Resolution	480 P, 720 I/P, 1080 I/P
Video Data Rate	6.75 Gbps
Vertical Frequency Scan Rate	24/50/60 Hz
Dimension	14.54 x 4.77 x 1.67 inch (369.3 x 121.2 x 42.4mm)
DC adapter (included)	5VDC, 2.5A
Rackmount capable	1RU, Rack mounts included
Remote control (IR)	Infrared, Discrete code

For Questions and support:

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OCTAVA™ 3x8 HDMI Distribution Amp

PRO HD HOME THEATER SERIES

V 1.3
Deep Color

User's Guide

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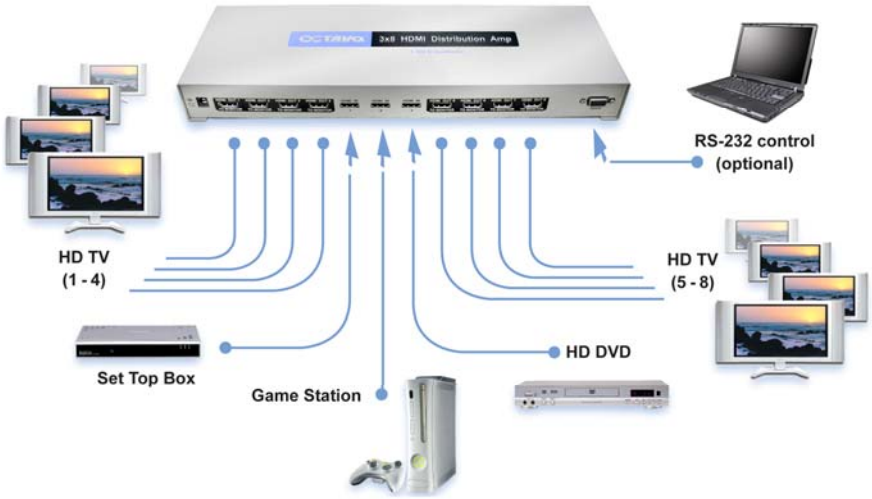


Application Diagram

Installation:

1)Connect the Monitors to the HDMI OUT ports
2)Connect the HDMI sources to the HDMI INPUTS
3)Connect the DC power adapter

Smart Scan™

Octava's HDMI switch with Smart Scan™ saves you the hassle of fumbling with multiple remote controls. Simply power on the HDMI source you want to view and the HDMI switch will automatically switch to the correct port.

Energy Smart: If the HDTV is off or if all HDMI sources are off, the switch will go into standby mode to conserve power.

Configuring Smart Scan:

In the event that you wish to disable the Smart Scan feature, simply press the manual pushbutton on the front of the unit for ~ 5 seconds until the LED flashes.
You can turn the Smart Scan feature back on by simply recycling the power to the switch. This will enable the Smart Scan feature.

Description:

The Octava 3x8 HDMI Distribution Amp is designed for Professional HD installation requiring multiple HD displays. The 3x8 HDMI distribution amplifier includes 3 HDMI source inputs and 8 HDMI outputs. The 3x8 HDMI Distribution Amplifier can be used in standalone application to distribute HDMI video and audio to 8 HD displays or cascaded to create large HD display centers requiring more than 8 HD displays.

The 3x8 HDMI Distribution Amp is housed in a 1RU high unit and includes rack mounts for easy integration in professional 19" equipment racks. Dedicated RS-232 port allows easy integration with 3rd party control software.

Our proprietary Clear EYE™ transmission line and ISI reduction design will IMPROVE the digital video signals. Smart Scan™ algorithm intelligently selects the correct HDMI source so you can enjoy the program instead of fumbling with the remote.

RS-232 controls:
The Octava 3x8 HDMI Distribution Amp can be easily integrated with 3rd Party control systems via RS-232 control. The following shows the control protocol for controlling the HDDA38.

1. Baud rate=9600
2. Data bits=8
3. Parity check=None
4. Stop bits=1
5. Flow Control=None

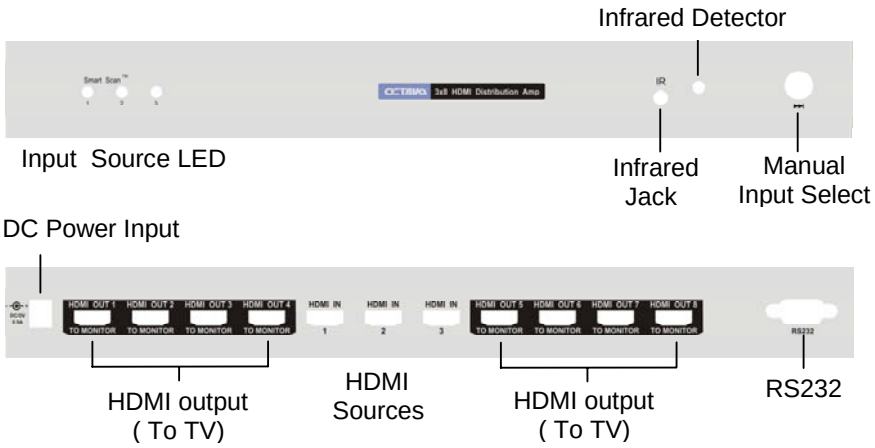
ASCII	HDMI Input	Binary
1	1	0011 0001
2	2	0011 0010
3	3	0011 0011

1 RU Rackmount :

The Octava 3x8 HDMI Distribution Amp can be installed in a 1 RU rack by simply installing the rack mounts included.

Features:

- V1.3, 1080P.
- 3 HDMI inputs.
- 8 HDMI outputs.
- RS-232 port for integrating with 3rd party control systems.
- Cascadeable for creating large HDTV display kiosks.
- Dedicated hardware HDCP engine for robust and secure HDCP operation.
- 1RU rackmount capable. Rack mounts included.
- Works with HDMI or DVI-D, HDCP-enabled HDTV.
- Supports high resolution video 480 P, 720 I/P, 1080 I/P.
- Smart Scan ™ algorithm intelligently selects the correct input.
- Clear EYE™ design optimizes HDMI signal transmission.
- Backward compatible with DVI-D.
- Remote Control (IR) included. Discrete Code allows direct channel control.
- LED dimming control for ultimate viewing.



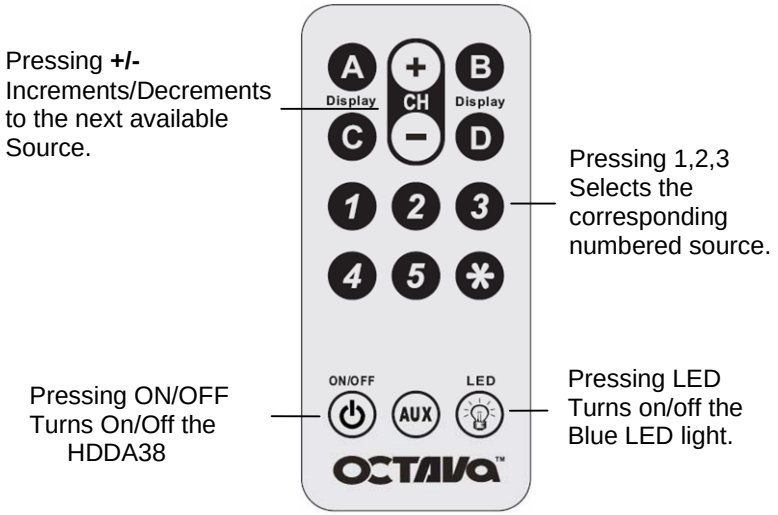
Front Panel Control Button:

	Meaning	Notes
LED ON	HDMI switch is ON and source is selected as indicated by LED.	
NO LED	LED is OFF. Press to turn on LED.	
NO LED, No Video	HDMI switch is in standby and/or no TV or HDMI sources are on.	

LED Indication:

Function	Action	Notes
Change Channel	Press ▶▶| to manually change to the next available Source.	
Disable Smart Scan	Press and hold ▶▶| for 5 seconds until Blue LED cycle to disable Smart Scan.	

Remote Control Guide:



Button	Function	Notes
+, -	Increments/Decrements to the next available Source	
1,2,3	Selects the corresponding numbered source.	
	Turns ON/OFF the LED light.	
	Turns ON/OFF the HDDA38.	
Other	Not used	

Octava's Remote control uses discrete code so can be easily integrated with most Universal Remote Controls such as Logitech's Harmony.